

## **Clean Copy of Amended Claims**

5. (Amended) Use of a method according to claim 1,  
wherein the method is applied to interrogate a wavelength division multiplexed interferometer network.
  
  6. (Amended) Use of a method according to claim 1,  
wherein the method is applied to interrogate a time division multiplexed interferometer network.
  
  7. (Amended) Use of a method according to claim 1,  
wherein the method is applied to interrogate space division multiplexed interferometer networks.